REMARKS

In new claim 123 the objection to previous claim 82 is avoided by noting that it is the external operating unit which is doing the executing.

The Examiner rejected claims 69-70, 72, 74-80, 84, 86, and 88-90 under 35 U.S.C. §102 as anticipated by Kim. Claims 71 and 85 were rejected under 35 U.S.C. §103 as unpatentable over Kim. Claims 73 and 87 were rejected under 35 U.S.C. §103 as unpatentable over Kim in view of Yinger. Claim 81 was rejected under 35 U.S.C. §103 as unpatentable over Kim in view of Franceschelli, Ohira, and Morishita.

New claim 111 distinguishes over Kim at least by reciting that the external operating unit has a browser program module and also both a browser program module cache and an archive cache, and wherein the program data stored in the archive cache of the external operating unit are read out independent of a network address of the printer or copier. Kim does not have this. Rather, in Kim a JAVA applet is stored in the browser cache and thus does not have to be downloaded once again. This, however, is only the case when the applet is to be downloaded from the source, i.e. from the same printer, which has the same network address. Generally in browser caches the received data are stored dependent on the network address of the printer or copier. This is necessary since it has to be guaranteed that the already downloaded data present in the browser cache and the required data reliably correspond to one another. Files with data cannot be reliably distinguished from one another in a network of different data sources (in particular within the Worldwide Web) only by a file name because, for example, files which come from different data sources can have the same file name, but completely different content. In the case of image files, given a network address independent access, an image might be downloaded from the cache and display which is actually downloaded from a

different source and has a different image content. Thus a wrong image would be displayed. Therefore, it is inevitably necessary that data are stored in browser caches dependent on a network address of a respective printer or copier. The same applies to program data intermediately stored in the browser cache, since, previously, it was not guaranteed that program data having the same file name would correspond to one another, and thus wrong program modules would be processed. But as recited in claim 111, the program data are stored independent of the network address of the printer or copier and wherein the program data are stored in an archive cache in addition to the browser cache. As a result, the program data stored in the archive cache can also be accessed when they have been downloaded from another source, i.e. from another printer having a different IP address.

In summary, Kim fails to disclose the combination of both a browser cache and an archive cache and wherein program data stored in the archive cache are read out independent of network address of the respective printer or copier.

Claim 111 next distinguishes by reciting wherein a version state of the necessary program module stored as program data in the archive cache is compared with a desired version state of the necessary program module. This is not present in Kim. With this version check step as recited in claim 111, even in the case of printers having the same network address different program data with the same file name can be reliably distinguished from one another. As company networks of different companies can assign the same network addresses to printers, it often happens in practice the different printers of different clients have the same network address. Without an archive cache and a version the check file associated with the network address would then be loaded from the browser cache and be executed, even if the file includes a necessary program module program data of a

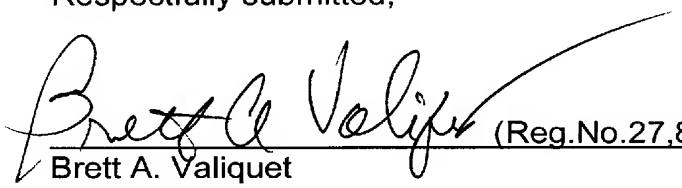
wrong version. This is effectively prevented with the archive cache and the version check as recited in claim 111.

Dependent claims 112-125 distinguish at least for the reasons noted with respect to claim 111 and also by reciting additional features not suggested.

Allowance of the application is respectfully requested.

The Commissioner is hereby authorized to charge any additional fees which may be required, or to credit any overpayment to account No. 501519.

Respectfully submitted,



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